

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3965	422/100.ccls	US-PGPUB; USPAT	OR	ON	2009/11/18 09:01
L5	986	208/143.ccls	US-PGPUB; USPAT	OR	ON	2009/11/18 09:09
L6	271	585/250.ccls	US-PGPUB; USPAT	OR	ON	2009/11/18 09:09
L7	352	585/275.ccls	US-PGPUB; USPAT	OR	ON	2009/11/18 09:09
L8	426	I1 and (silanol or amino)	US-PGPUB; USPAT	OR	ON	2009/11/18 09:09
L9	6	I8 and (catalyst with polymer)	US-PGPUB; USPAT	OR	ON	2009/11/18 09:10
L10	95	I1 and ((silanol or amino) same covalent \$2)	US-PGPUB; USPAT	OR	ON	2009/11/18 09:11
S1	1	"20070161834"	US-PGPUB; USPAT	OR	ON	2008/10/29 15:18
S2	2761	micro\$1reactor or (micro adj reactor)	US-PGPUB; USPAT	OR	ON	2008/10/29 15:50
S3	2023	S2 and cataly\$3	US-PGPUB; USPAT	OR	ON	2008/10/29 15:54
S4	171	S2 and (cataly\$3 near10 polymer)	US-PGPUB; USPAT	OR	ON	2008/10/29 16:03
S5	143	S4 and solid and liquid and gas	US-PGPUB; USPAT	OR	ON	2008/10/29 16:03
S6	123	S5 and (palladium or chromium or manganese or iron or cobalt or nickel or copper or molybdenum or ruthenium or rhodium or tungsten or osmium or iridium)	US-PGPUB; USPAT	OR	ON	2008/10/29 16:05
S7	103	S6 and hydrogen	US-PGPUB; USPAT	OR	ON	2008/10/29 16:06
S8	104	S6 and (hydrogen or H2 or "H.sub.2")	US-PGPUB; USPAT	OR	ON	2008/10/29 16:06

S9	186576	cataly\$3 same (palladium or chromium or manganese or iron or cobalt or nickel or copper or molybdenum or ruthenium or rhodium or tungsten or osmium or iridium)	US-PGPUB; USPAT	OR	ON	2008/10/29 16:10
S10	512	S2 and (solid same (liquid and gas))	US-PGPUB; USPAT	OR	ON	2008/10/29 16:10
S11	238	S9 and S10	US-PGPUB; USPAT	OR	ON	2008/10/29 16:11
S12	134	S11 and polymer	US-PGPUB; USPAT	OR	ON	2008/10/29 16:12
S13	22	S12 and silan\$3	US-PGPUB; USPAT	OR	ON	2008/10/29 16:13
S14	1125	micro\$1 reactor or (micro adj reactor)	DERWENT	OR	ON	2008/10/29 16:25
S15	13	S14 and (solid same (liquid and gas))	DERWENT	OR	ON	2008/10/29 16:26
S16	2769	micro\$1 reactor or (micro adj reactor)	US-PGPUB; USPAT	OR	ON	2008/10/31 14:58
S17	186803	cataly\$3 same (palladium or chromium or manganese or iron or cobalt or nickel or copper or molybdenum or ruthenium or rhodium or tungsten or osmium or iridium)	US-PGPUB; USPAT	OR	ON	2008/10/31 14:58
S18	512	S16 and (solid same (liquid and gas))	US-PGPUB; USPAT	OR	ON	2008/10/31 14:58
S19	238	S17 and S18	US-PGPUB; USPAT	OR	ON	2008/10/31 14:58
S20	42	S19 and (catalyst near10 polymer)	US-PGPUB; USPAT	OR	ON	2008/10/31 14:58
S21	4	S20 and covalent	US-PGPUB; USPAT	OR	ON	2008/10/31 15:11
S22	364	((polymer near2 inclusion) or "PI") near3 catalyst	US-PGPUB; USPAT	OR	ON	2008/10/31 15:21
S23	3	S16 and S22	US-PGPUB; USPAT	OR	ON	2008/10/31 15:21
S24	993	(polymer near2 (inclusion or support \$3)) near3 catalyst	US-PGPUB; USPAT	OR	ON	2008/10/31 15:35

S25	8	S16 and S24	US-PGPUB; USPAT	OR	ON	2008/10/31 15:35
S26	1345	(polymer near2 (inclusion or support\$3 or incorporat\$3)) near3 catalyst	US-PGPUB; USPAT	OR	ON	2008/10/31 15:42
S28	3716	(polymer near5 (inclusion or support\$3 or incorporat\$3)) near5 catalyst	US-PGPUB; USPAT	OR	ON	2008/10/31 15:43
S29	30	S16 and S28	US-PGPUB; USPAT	OR	ON	2008/10/31 15:43
S30	1932	polymer near10 ((support\$3 or inclusion or incorporat \$3 or bond\$3) near10 catalyst)	DERWENT	OR	ON	2008/10/31 15:50
S31	1355	micro\$1 reactor or (micro near2 reactor)	DERWENT	OR	ON	2008/10/31 15:51
S32	3	S30 and S31	DERWENT	OR	ON	2008/10/31 15:51
S33	2884	polymer near10 ((support\$3 or inclusion or incorporat \$3 or bond\$3) near10 catalyst)	EPO; JPO; DERWENT	OR	ON	2008/10/31 15:52
S34	1865	micro\$1 reactor or (micro near2 reactor)	EPO; JPO; DERWENT	OR	ON	2008/10/31 15:52
S35	3	S33 and S34	EPO; JPO; DERWENT	OR	ON	2008/10/31 15:53
S36	2	"7220699"	US-PGPUB; USPAT	OR	ON	2008/10/31 15:55
S37	2889	polymer near10 ((support\$3 or inclusion or incorporat \$3 or bond\$3 or incarcerat\$3) near10 catalyst)	EPO; JPO; DERWENT	OR	ON	2008/11/03 12:16
S38	3717	(polymer near5 (inclusion or support\$3 or incorporat\$3 or incarcerat\$3)) near5 catalyst	US-PGPUB; USPAT	OR	ON	2008/11/03 12:16
S39	3716	(polymer near5 (inclusion or support\$3 or incorporat\$3)) near5 catalyst	US-PGPUB; USPAT	OR	ON	2008/11/03 12:17
S40	1	S38 not S39	US-PGPUB; USPAT	OR	ON	2008/11/03 12:17

S41	1602	micro\$1reactor or (micro adj reactor)	EPO; JPO; DERWENT	OR	ON	2008/11/03 12:24
S42	2	S37 and S41	EPO; JPO; DERWENT	OR	ON	2008/11/03 12:24
S43	2142	micro\$1reactor or (micro near5 reactor)	EPO; JPO; DERWENT	OR	ON	2008/11/03 12:27
S44	4	S37 and S43	EPO; JPO; DERWENT	OR	ON	2008/11/03 12:27
S45	3576	micro\$1reactor or (micro near5 reactor)	US-PGPUB; USPAT	OR	ON	2008/11/03 12:31
S46	657	S45 and (solid same (liquid and gas))	US-PGPUB; USPAT	OR	ON	2008/11/03 12:32
S47	57	S46 and (catalyst same palladium) and silicon	US-PGPUB; USPAT	OR	ON	2008/11/03 12:33
S48	150	"5811062"	US-PGPUB; USPAT	OR	ON	2008/11/03 13:27
S49	3717	micro\$1reactor or ((micro or micro \$1channel) near5 reactor)	US-PGPUB; USPAT	OR	ON	2008/11/03 13:43
S50	715	S49 and (solid same (liquid and gas))	US-PGPUB; USPAT	OR	ON	2008/11/03 13:43
S51	3	S50 and (polymer near10 palladium)	US-PGPUB; USPAT	OR	ON	2008/11/03 13:44
S52	11	S49 and (polymer near10 palladium)	US-PGPUB; USPAT	OR	ON	2008/11/03 13:45
S53	588	S49 and (catalyst near10 (palladium of Pd))	US-PGPUB; USPAT	OR	ON	2008/11/03 13:46
S54	307	S53 and (hydrogen or "h.sub.2" or h2) and silicon\$1	US-PGPUB; USPAT	OR	ON	2008/11/03 13:47
S55	359	585/266.ccls.	US-PGPUB; USPAT	OR	ON	2008/11/03 16:09
S56	7	S55 and (micro \$1reactor or ((micro \$1channel or micro) near5 reactor))	US-PGPUB; USPAT	OR	ON	2008/11/03 16:10
S57	2244	micro\$1reactor or ((micro\$1channel or micro) near5 reactor)	EPO; JPO; DERWENT	OR	ON	2008/11/03 16:21
S58	99	S57 and (catalyst near5 (inclusion or support\$3 or incorporat \$3 or incarcerat\$3))	EPO; JPO; DERWENT	OR	ON	2008/11/03 16:22
S59	20	S58 and liquid and gas	EPO; JPO; DERWENT	OR	ON	2008/11/03 16:38

S60	0	"1028801"	EPO	OR	ON	2008/11/03 16:47
S61	1	"9922857"	EPO	OR	ON	2008/11/03 16:47
S62	1	"1547675"	EPO	OR	ON	2008/11/04 09:09
S63	3580	micro\$1reactor or (micro near5 reactor)	US-PGPUB; USPAT	OR	ON	2008/11/04 10:02
S64	657	S63 and (solid same (liquid and gas))	US-PGPUB; USPAT	OR	ON	2008/11/04 10:02
S65	2	S64 and (catalyst same palladium) and silanol	US-PGPUB; USPAT	OR	ON	2008/11/04 10:02
S66	7	(micro\$1channel or micro\$reactor or (micro adj reactor)) near10 (wall and silanol)	US-PGPUB; USPAT	OR	ON	2008/11/04 10:07
S67	8	(micro\$1channel or micro\$reactor or (micro adj reactor)) near10 silanol	US-PGPUB; USPAT	OR	ON	2008/11/04 10:08
S68	24	(micro\$1channel or micro\$reactor or (micro adj reactor)) same silanol	US-PGPUB; USPAT	OR	ON	2008/11/04 10:10
S69	21	(micro\$1channel or ((micro\$reactor or (micro near10 reactor)) same wall)) same silanol	US-PGPUB; USPAT	OR	ON	2008/11/04 10:15
S70	1	"20050170142"	US-PGPUB; USPAT	OR	ON	2008/11/05 09:41
S71	50	US-5961930-\$.D.I.D. OR US-4482677-\$. D.I.D. OR US-6036927- \$.D.I.D. OR US- 4497904-\$.D.I.D. OR US-4844716-\$.D.I.D. OR US-5232959-\$. D.I.D. OR US-5683828- \$.D.I.D. OR US- 6051331-\$.D.I.D. OR US-6106965-\$.D.I.D. OR US-4243758-\$. D.I.D. OR US-4290973- \$.D.I.D. OR US- 4332738-\$.D.I.D. OR US-4472533-\$.D.I.D. OR US-4506005-\$. D.I.D. OR US-4581338-	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 14:09

		\$.DID. OR US- 4957959-\$.DID. OR US-4973645-\$.DID. OR US-5275796-\$. DID. OR US-5403559- \$.DID. OR US- 5409683-\$.DID. OR US-5601750-\$.DID. OR US-5674830-\$. DID. OR US-5681727- \$.DID. OR US- 5696049-\$.DID. OR US-5858567-\$.DID. OR US-5952053-\$. DID. OR US-5959297- \$.DID. OR US- 5981146-\$.DID. OR US-6018034-\$.DID. OR US-6129845-\$. DID. OR US-3607296- \$.DID. OR US- 3644231-\$.DID. OR US-3872029-\$.DID. OR US-4251421-\$. DID. OR US-4285699- \$.DID. OR US- 4296210-\$.DID. OR US-4297298-\$.DID. OR US-4306062-\$. DID. OR US-4342841- \$.DID. OR US- 4370456-\$.DID. OR US-4378455-\$.DID. OR US-4391959-\$. DID. OR US-4403081- \$.DID. OR US- 4412914-\$.DID. OR US-4424143-\$.DID. OR US-4426515-\$. DID. OR US-4447669- \$.DID. OR US- 4455287-\$.DID. OR US-4473506-\$.DID. OR US-4480078-\$. DID.				
S72	2981	micro\$1reactor or (micro adj reactor)	US-PGPUB; USPAT	OR	ON	2009/04/23 16:40
S73	1387	(polymer near2 (inclusion or support\$3 or incorporat\$3)) near3 catalyst	US-PGPUB; USPAT	OR	ON	2009/04/23 16:40
S74	9	S72 and S73	US-PGPUB; USPAT	OR	ON	2009/04/23 16:40

S75	3524	(micro adj reactor) or micro-reactor or microreactor	US-PGPUB; USPAT	OR	ON	2009/04/23 16:42
S76	503	S75 and (solid same liquid same gas)	US-PGPUB; USPAT	OR	ON	2009/04/23 16:43
S77	67	S76 and (polymer with catalyst)	US-PGPUB; USPAT	OR	ON	2009/04/23 16:43
S78	201	S72 and (polymer with catalyst)	US-PGPUB; USPAT	OR	ON	2009/04/23 16:50
S79	18	S78 and (covalent near2 bond\$3)	US-PGPUB; USPAT	OR	ON	2009/04/23 16:50
S80	3524	(micro adj reactor) or micro-reactor or microreactor	US-PGPUB; USPAT	OR	ON	2009/04/24 08:03
S81	236	S80 and (polymer with catalyst)	US-PGPUB; USPAT	OR	ON	2009/04/24 08:03
S82	25	S81 and (covalent near3 (bond\$3 or bind \$3))	US-PGPUB; USPAT	OR	ON	2009/04/24 08:03
S83	1	S82 and silanol and epoxide	US-PGPUB; USPAT	OR	ON	2009/04/24 08:04
S84	25	S81 and (covalent near3 (bond\$3 or bind \$3 or interact\$4))	US-PGPUB; USPAT	OR	ON	2009/04/24 08:17
S85	1845	(micro adj reactor) or micro-reactor or microreactor	EPO; JPO; DERWENT	OR	ON	2009/04/24 08:18
S86	19	S85 and (polymer with catalyst)	EPO; JPO; DERWENT	OR	ON	2009/04/24 08:18
S87	0	S86 and (covalent near3 (bond\$3 or bind \$3 or interact\$4))	EPO; JPO; DERWENT	OR	ON	2009/04/24 08:18

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	1	((micro adj reactor) or microreactor) and (catalyst near5 polymer) and (covalent adj bond) and gas and liquid).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/18 09:28

L21	1	(((micro adj reactor) or microreactor) and (catalyst near5 polymer) and (covalent adj bond) and gas and liquid and (silanol or amino)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/18 09:28
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